

10-12-01

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Please type a plus sign (+) inside this box → ☒PTO/SB/05 (11-00)
Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 055-00-002

First Inventor Nicolo F. Machi

Title IR diode Based High Intensity
Light

Express Mail Label No. EF 008475705 US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 10]
(preferred arrangement set forth below)
- Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure

4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 2]

5. Oath or Declaration [Total Pages]

- a. ☒ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
- i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).

6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper
- c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of
(when there is an assignee) Attorney
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure ☒ Copies of IDS
Statement (IDS)/PTO-1449 Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35
or its equivalent.
17. ☒ Other: Communication re. Missing Parts

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No.: _____

Prior application information:

Examiner: _____

Group Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS☐ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or ☐ Correspondence address below

Name

Larry J. Palguta

Address

Honeywell Law Dept.
3520 Westmoor Street

City

South Bend

State

IN

Zip Code

46628

Country

U.S.A.

Telephone

(219) 231-2319

Fax

(219)
231-2297

Name (Print/Type)

Larry J. Palguta

Registration No. (Attorney/Agent)

29,575

Signature

L. Palguta

Date

08.11.2001

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FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$)**824**

Complete if Known

| | |
|----------------------|-----------------|
| Application Number | |
| Filing Date | |
| First Named Inventor | Nicolo F. Machi |
| Examiner Name | |
| Group Art Unit | |
| Attorney Docket No. | 055-00-002 |

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number **01-1125**
Deposit Account Name

- ☐ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☐ Payment Enclosed:

☐ Check ☐ Credit card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

| | Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid |
|-----|----------------------------|----------------------------|------------------------|----------|
| 101 | 740 | 201 370 | Utility filing fee | 740 |
| 106 | 330 | 206 165 | Design filing fee | |
| 107 | 510 | 207 255 | Plant filing fee | |
| 108 | 740 | 208 370 | Reissue filing fee | |
| 114 | 160 | 214 80 | Provisional filing fee | |

SUBTOTAL (1) (\$)**740**

2. EXTRA CLAIM FEES

| | Total Claims | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|--------------|----------------|----------|
| Independent Claims | 14 | -20** = -0- | X 18 | = -0- |
| Multiple Dependent | 4 | -3** = 1 | X 84 | = 84 |
| | | | -0- | = -0- |

| | Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description |
|-----|----------------------------|----------------------------|--|
| 103 | 18 | 203 9 | Claims in excess of 20 |
| 102 | 84 | 202 42 | Independent claims in excess of 3 |
| 104 | 280 | 204 140 | Multiple dependent claim, if not paid |
| 109 | 84 | 209 42 | ** Reissue independent claims over original patent |
| 110 | 18 | 210 9 | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$)**84**

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| | Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid |
|-----|----------------------------|----------------------------|--|----------|
| 105 | 130 | 205 65 | Surcharge - late filing fee or oath | |
| 127 | 50 | 227 25 | Surcharge - late provisional filing fee or cover sheet | |
| 139 | 130 | 139 130 | Non-English specification | |
| 147 | 2,520 | 147 2,520 | For filing a request for ex parte reexamination | |
| 112 | 920* | 112 920* | Requesting publication of SIR prior to Examiner action | |
| 113 | 1,840* | 113 1,840* | Requesting publication of SIR after Examiner action | |
| 115 | 110 | 215 55 | Extension for reply within first month | |
| 116 | 400 | 216 200 | Extension for reply within second month | |
| 117 | 920 | 217 460 | Extension for reply within third month | |
| 118 | 1,440 | 218 720 | Extension for reply within fourth month | |
| 128 | 1,960 | 228 980 | Extension for reply within fifth month | |
| 119 | 320 | 219 160 | Notice of Appeal | |
| 120 | 320 | 220 160 | Filing a brief in support of an appeal | |
| 121 | 280 | 221 140 | Request for oral hearing | |
| 138 | 1,510 | 138 1,510 | Petition to institute a public use proceeding | |
| 140 | 110 | 240 55 | Petition to revive - unavoidable | |
| 141 | 1,280 | 241 640 | Petition to revive - unintentional | |
| 142 | 1,280 | 242 640 | Utility issue fee (or reissue) | |
| 143 | 460 | 243 230 | Design issue fee | |
| 144 | 620 | 244 310 | Plant issue fee | |
| 122 | 130 | 122 130 | Petitions to the Commissioner | |
| 123 | 50 | 123 50 | Processing fee under 37 CFR 1.17(q) | |
| 126 | 180 | 126 180 | Submission of Information Disclosure Stmt | |
| 581 | 40 | 581 40 | Recording each patent assignment per property (times number of properties) | |
| 146 | 740 | 246 370 | Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 149 | 740 | 249 370 | For each additional invention to be examined (37 CFR § 1.129(b)) | |
| 179 | 740 | 279 370 | Request for Continued Examination (RCE) | |
| 169 | 900 | 169 900 | Request for expedited examination of a design application | |

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)**824**

SUBMITTED BY

| | | | | | |
|-------------------|------------------|-----------------------------------|---------------|-----------|----------------|
| Name (Print/Type) | Larry J. Palguta | Registration No. (Attorney/Agent) | 29,575 | Telephone | (219) 231-2319 |
| Signature | | Date | Oct. 11, 2001 | | |

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR: NICOLO F. MACHI and NAM H. VO

TITLE: IR LASER DIODE BASED HIGH INTENSITY LIGHT

SERIAL NO.: UNKNOWN

FILED: October 11, 2001

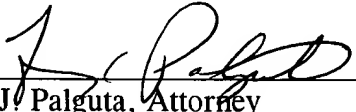
CERTIFICATE OF MAILING

Box Patent Application
Asst. Commissioner for Patents
Washington, D. C. 20231

Sir:

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Larry J. Palguta, Attorney
Reg. No. 29,575



Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

NICOLO F. MACHI, et al.

GROUP: UNKNOWN

IR LASER DIODE BASED
HIGH INTENSITY LIGHT

EXAMINER: UNKNOWN

FILED: October 11, 2001

SERIAL NO. UNKNOWN

South Bend, Indiana
October 11, 2001


Box Patent Application
Assistant Commissioner for Patents
Washington D.C. 20231

COMMUNICATION

Sir:

This patent application is being filed without the Declaration of the inventors Nicolo F. Machi and Nam H. Vo. The Declarations and surcharge fee of \$130.00 under 37 CFR 1.16(e) will be filed later.


Respectfully Submitted



Larry J. Palguta, Attorney
Registration No. 29,575

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service in an envelope addressed to: Box Patent Application, Assistant Commissioner for Patents, Washington, D.C. 20231 on October 11, 2001.



Larry J. Palguta, Attorney
219/231-2319

09975462-101101